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Drive-on Grinder / Polisher S-J24

Drive-on grinding / polishing machine:

In the 21st century of economic globalization, with the development and rapid growing popularity of flooring industry, flooring industry is getting prosperous increasingly. It does no longer meet the needs of development to original traditionally labor-intensive practices, only machinery and equipment integration and intelligence will become the mainstream of the times. Our company launched concrete drive on grinding machine in 2014!

Application and function:

- Whole gearbox run promotes the life span and security of machine.
- Run in 8pcs grinding discs counter rotating, it promotes the steady and flexibility in operating.
- The grinding width of machine can reach 1050mm.
- Different grinding discs for option; can fix 24pcs grinding pads per time.
- Machine use well-proportioned drainage system and an external interface for double vacuum dust device.
- It's available for both wet and dry grinding/polishing.
- Multifunctional grinding discs can be fixed various polishing pads your operation cost.

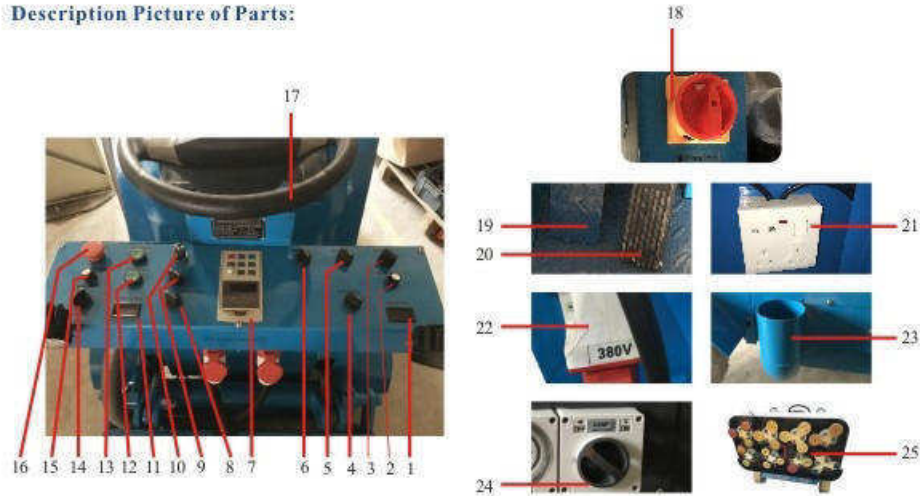


See Video in YouTube: dgmerrock@gmail.com

Technical parameters:

Name	Large grinding machine
Type	S-J24
Voltage	380V-440V
Motor	5.5KW*2/7.5HP*2
Inverter	15HP
Speed(rpm/m)	0-1500 Stepless speed regulation
Body Weight	1100KGs
Work Width	1050*550mm ²
Water tank	30L
Grinding Discs	8pcs (24discs)

Description Picture of Parts :



- 1-Electrical QTY-Walk (Screen showing the charging electrical quantity for walking)
- 2-Uniform-Velocity Walking (Control the machine walk in one speed)
- 3-Forward/Back (Control the machine walk forward or back)
- 4-Charging-Walk (Switch for charging the battery for walking, after the machine connecting the 380V electric, turn on the switch for charging about 2-3 hours, turn off the switch until electric quantity is full, please don't charge too long; Charging again when uses out of the electric.)
- 5-Led switch
- 6-Water switch
- 7-Inverter panel
- 8-Key lock (Turn on it with the key, then you could drive the machine)
- 9/10- Charging-Up/Down (Turn on the two switch to charge it with electricity for up and down the chassis.
- 11-Down (Chassis)-Press this button to let the chassis down
- 12-Up (Chassis) - Press this button to let the chassis up
- 13-Electrical QTY-Up/Down-(Screen showing the charging electrical quantity for up and down the chassis)
- 14-Stop (Urgent stop the machine once something happen)
- 15-Motor Speed (Control the speed of grinding)
- 16-Motor Switch (Turn on it for starting the machine for grinding)
- 17-Steering Wheel
- 18-Main power switch (Turn on the switch firstly when you are ready to grinding)
- 19-Brake Pedal
- 20-Accelerator Pedal
- 21-220V Socket (Use for charging your mobile phone or something else)
- 22-380V Socket (For connecting the power for grinding)
- 23-Water Inlet
- 24-Vacuum Switch
- 25-Grinding plate could be put differ pads (Total 8pcs with 24 discs)

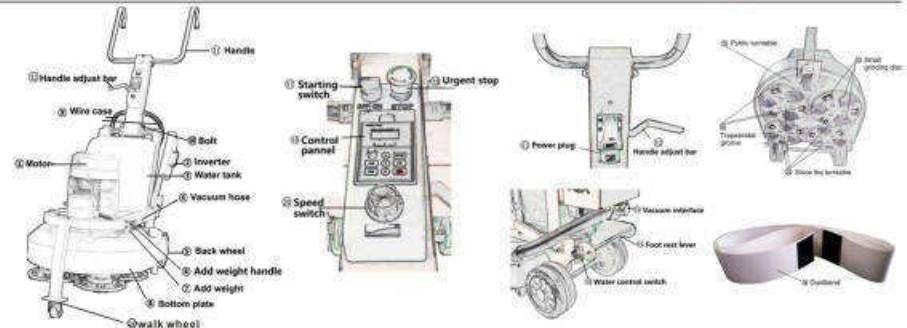


Planetary Grinder Applications :

Planetary grinders are generally making them easier to manipulate. Their design allows them to move in a straight line across the floor with relative ease, which means greater flexibility and less struggle for operators. Thanks to their design, planetary grinders work best on less aggressive jobs, such as smoothing out a concrete floor or preparing a residential garage floor for an epoxy coating. They can also be used for polishing with polishing pads.

Function and feature:

- The products are specialized for marble, granite, artificial stone, waterstone etc stone floor, they are the advanced construction equipment specialize in renewing, grinding, polishing the floor.
- They are high in efficiency and low in labor intensity.
- Simple operation, good construction effect, aesthetic, durable, low rate damage and humanistic operation.
- Planetary-type device, double layer gear.
- The product occupy rarely space with foldable design for handle.
- Multifunctional magnetic grinding plate.



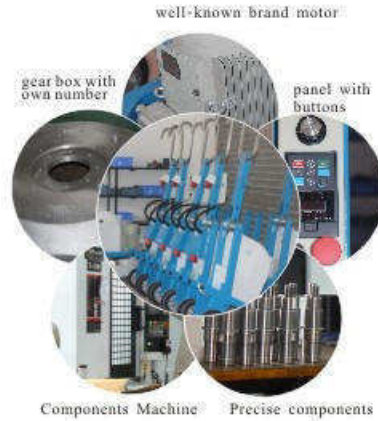
Technical parameters:

Type	S12-800
Voltage	380V-440V
Motor power	11KW / 15HP
Inverter power	15KW / 20HP
Work area	φ 800mm
Auto Rotation	0-1250rpm/m
Revolution speed	0-320rpm/m
Grinding disc	12pcs
Water tank	30L
Weight	450kg
Effective	As good as 4pcs of MRK-V12 Grinders

- 1- Motor
- 2- Inverter
- 3- Water tank
- 4- Vacuum hose
- 5- Back wheel
- 6-Add weight handle
- 7-Add weight
- 8-Bottom Plate
- 9-Wire case
- 10-Bolt
- 11-Handle
- 12-Handle adjust bar
- 13-Power plug
- 14-Vacuum interface
- 15-Foot rest lever
- 16-Water control switch
- 17-Starting switch
- 18-Emergency stop
- 19-Control panel
- 20-Speed Switch
- 21-Revolution plate
- 22-Auto Rotation plate
- 23-Small grinding disc
- 24-Trapezoidal groove
- 25-Dust band
- 26-Walk wheel

S12-650 Function and feature:

- Aluminum casting gear box, better quality with good looking as well.
- Each gear box has an individual series number.
- The motors and inverters are global well-known brands.
- Stainless steel water tank.
- With an external vacuum port.
- Components through precision lathe processing.
- With emergency stop button and reverse button etc on panel.
- With CE, from painting to installation, meet Europe and the United States standards.



Technical parameters:

Type	S12-650 (380V)	S12-650(220V)
Voltage	380V-440V	220V-240V
Motor power	7.5KW/10HP or 9.5KW/13HP	7.5KW/10HP
Inverter power	11KW/15HP	7.5KW/10HP
Work area	φ 650mm	φ 650mm
Auto Rotation	0-1250rpm/m	0-1250rpm/m
Revolution speed	0-320rpm/m	0-320rpm/m
Grinding disc	12	12
Water tank	30L	30L
Weight	310kg	310kg
Effective	As 2.5pcs of MRK-V12	As 2.5pcs of MRK-V12

Planetary Grinder Operation instruction :

- Fix the grinding disc, please put the handle in horizontal position, press the handle down by power to make the bottom disc tilting, and the grinding disc turn up, and stick the grinding pads on.
- Lay the machine back to the floor slowly to let the grinding pads reach the floor. (Please lay lightly).
- Put the add weight down to the back of the machine, wear the dustband.
- Fix the power supply wire (Safety operation).
- Hold the machine handle, pull out the bolt, then pull and push the handle adjuster bar to adjust the handle in a proper position for operation, fix the handle by the bolt at last.
- Turn on the water switch when need water.
- **If you would like dry grinding, please connect the outside dust collect with dust vacuum cleaner.**
- Turn on the power supply switch and the machine begin to work.
- Stop the machine to change the grinding pads.
- **Keep the speed above 1000rpm during operation.**



Available for many kinds of abrasive pads :

Diamond alloy discs



Bowl wheel discs



Pro terrazzo plug discs



Hard polishing pads



Soft polishing pads



Dry polishing pads



Technical parameters:

Type	MRK-S12-600 (380V)	MRK-S12-600(220V)
Voltage	380V-440V	220V-240V
Motor power	7.5KW/10HP	7.5KW/10HP
Inverter power	11KW	7.5KW
Work area	φ 600mm	φ 600mm
Auto Rotation	0-1250rpm/m	0-1250rpm/m
Revolution speed	0-320rpm/m	0-320rpm/m
Grinding disc	12	12
Water tank	30L	30L
Weight	265kg	265kg
Effective	As 2.5pcs of MRK-V12	As 2.5pcs of MRK-V12

Large Multifunctional Grinder / Polisher MRK-V24

Application and function:

Stone leveling, stone grinding, concrete grinding, concrete polishing, and high-speed railway beam surface grinding, also apply to remove the old coat, etc., very high efficiency, best effect.

- Whole gearbox run promotes the life span and security of machine.
- Run in 8pcs grinding discs counter rotating, it promotes the steady and flexibility in operating.
- The grinding width of machine can reach 1050mm.
- Different grinding discs for option; can fix 24pcs grinding pads per time.
- Machine use well-proportioned drainage system and an external interface for double vacuum dust device.
- It's available for both wet and dry grinding.
- Multifunctional grinding discs can be fixed various polishing pads to reduce your operation cost.



Technical parameters:

Name	V24	Large grinding machine
Type	MRK-V24	
Voltage	380V-440V	
Motor	15KW / 20HP	
Inverter	20HP / 15KW	
Speed(rpm/m)	0-1500	Stepless speed regulation
Body Weight	575 KGs	
Work Width	1050*550 mm ²	
Water tank	30L	
Grinding Discs	8pcs (24 discs)	
Volume(L*W*H)	Max 1800*1050*1700 mm ³	Min 1200*1050*1200 mm ³

Large Multifunctional Grinder / Polisher MRK-V16



Rotary Grinder Applications:

Rotary grinders feature a heavy-duty, geared construction. This gives the rotary grinder greater weight and allows it to achieve greater rotational speed than a planetary grinder. More weight means these machines are harder to operate and require more training for operators. Skilled users can take advantage of the greater weight and speed to perform more intensive tasks, such as removing heavy mastic or thick layers of paint from a concrete surface. Rotary machines also provide a superior polish on concrete floors when used by a skilled operator.

MRK-V16 Application and function:

- Stone leveling, stone grinding, concrete grinding, concrete polishing, high-speed railway beam surface grinding, also apply to remove the old coat, etc., very high efficiency, best effect.
- Whole gearbox run promotes the life span and security of machine.
- Run in 4pcs grinding discs counter rotating, it promotes the steady and flexibility in operating.
- The grinding width of machine can reach 580mm.
- Different grinding discs for option; can fix 16pcs grinding pads per time.
- Machine use well-proportioned drainage system and with a vacuum outlet for double vacuum dust device.
- It's available for both wet and dry grinding.
- The product occupy rarely space with foldable design for handle, strong construction and convenient for transport.
- Multifunctional grinding discs can be fixed various polishing pads to reduce your operation cost.



Technical parameters:

Name	V16	Large grinding machine
Type	MRK-V16	
Voltage	380V-440V	220-240V
Motor	7.5KW/10HP	7.5KW / 10HP
Inverter	15HP	7.5KW / 10HP
Speed(rpm/m)	0-1500	Stepless speed regulation
Body Weight	285KGs	
Work Width	580*580mm ²	
Water tank	30L	
Grinding Discs	4pcs (16 discs)	



Large Multifunctional Grinder / Polisher S650-380B/S650-220B

Function and feature:

- 1-Aluminum casting gear box.
- 2- The motors and inverters are global well-known brands.
- 3-With an external vacuum port
- 4-Stainless steel water tank.
- 5-Components through precision lathe processing.
- 6-With emergency stop button and reverse button on panel.
- 7-With CE, from painting to installation, meet Europe and the United States standards.
- 8-Multifunctional grinding discs can be fixed various polishing pads to reduce your operation cost.



Technical parameters:

Name	S650	Large grinding machine
Type	S650-380B	S650-220B
Voltage	380V-440V	220V-240V
Motor	7.5KW/10HP or 9.5KW/13HP	7.5KW/10HP
Inverter	11KW/15HP	7.5KW/10HP
Speed(rpm/m)	0-1500 Stepless speed regulation	0-1500 Stepless speed regulation
Body Weight	340KGs	340KGs
Work Width	650*650mm ²	650*650mm ²
Water tank	30L	30L
Grinding Discs	4pcs (12 discs)	4pcs (12 discs)
Effective	As 2pcs of MRK-V12	As 2pcs of MRK-V12

Large Multifunctional Grinder / Polisher MRK-V12-580/MRK-V12-550/MRK-V12-510



Application and function:

Stone leveling, stone grinding, concrete grinding, concrete polishing, and high-speed railway beam surface grinding, also apply to remove the old coat, etc., very high efficiency, best effect. Multifunctional grinding discs can be fixed various polishing pads to reduce your operation cost.

MRK-V12 Main feature:

- Core component is made by imported mould, ensuring the performance and stability of product.
- Strong power, large working area, high in efficiency, low in cost (Save 20% material consumption).
- The necessary top brand equipment for large area project and ideal choice for strength construction cooperation.
- Separable add weight makes the machine easy to transport. V12 is your best choice to save time, save worry and save money in the condition of lacking in technician, raising wage of labors at present.
- With a vacuum outlet for double vacuum dust device. It's available for both wet and dry grinding.
- V12-510 is a cost-effective, economic and practical type, the motor is also selected the world's top three brands-WEG motor or Siemens electric motor.



Technical parameters:

Name	V12 Large grinding machine		
Type	MRK-V12-580	MRK-V12-550	MRK-V12-510
Voltage	380V-440V	380V-440V	380V-440V
Motor	7.5KW/10HP	7.5KW/10HP	5.5KW/7.5HP
Inverter	15HP	15HP	10HP
Speed(rpm/m)	0-1500 Stepless speed regulation	0-1500 Stepless speed regulation	0-1500 Stepless speed regulation
Body Weight	280KGs	270KGs	245KGs
Work Width	580*580mm ²	550*550mm ²	510*510mm ²
Water tank	30L	30L	30L
Grinding Discs	4pcs (12discs)	4pcs (12discs)	4pcs (12discs)

Remark: All MRK-V12 series can be made for 220V-240V single phase

Large Multifunctional Grinder / Polisher
MRK-V12-580/MRK-V12-550/MRK-V12-510

Operation Safety:

- A. While operation, to keep safe must wear safety helmet and safety shoes, in addition, use mask and earplug according to the operation condition.
- B. Non-against exploding construction, so absolutely do not put flammable substances of petrol, thinner and gas etc nearby.
- C. Regarding to the noise, please comply with relative rules in local, do not give trouble to the surroundings.
- D. Absolutely do not touch the motor during operation, otherwise it's easy to scald; also parts of the grinding heads will be too hot to touch.
- E. It had better use our grinding accessories or the appointed products made by our company such as grinding pads, if use other products, it perhaps will injure operator's body. Therefore the incident does not belong to the scope of product quality if it happens during use other company's accessories.
- F. If machine runs abnormally, and un-usual condition during using the machine, immediately stop the operation, examine and repair it after confirming the safety.

Forbidden operation condition:



Large Multifunctional Grinder / Polisher
S6-380B / S6-220B



Main feature:

- MRK-S6 is elegant appearance and practical operation. It is more prominent to shock absorption effect, to avoid the machine injure when vibration, and meanwhile, to avoid the ripple phenomenon which is easy to occur when the large grinding machine is polishing the stone.
- MRK-S6 is with bigger work width and reasonable weight. The center of gravity is forward and with gear transmission, its efficiency is 1.6 times than the efficiency of 6-head machine construction, also easier to transportation than 12-head machine. This machine is a perfect combination of all type of machines.
- MRK-S6 is more convenient to transport for the chassis separating device.
- Stainless steel water tank.
- With an external vacuum port.
- Components through precision lathe processing.
- With emergency stop button and reverse button on panel.
- Multifunctional grinding discs can be fixed various polishing pads to reduce your operation cost.



Technical parameters:

Name	S6	Large grinding machine
Type	S6-380B	S6-220B
Voltage	380V-440V	220V-240V
Motor	5.5KW/7.5HP	5.5KW/7.5HP or 7.5KW/10HP
Inverter	7.5KW/10HP	7.5KW/10HP
Speed(rpm/m)	0-1500 Stepless speed regulation	0-1500 Stepless speed regulation
Body Weight	257KGs	257KGs
Work Width	730*350mm ²	730*350mm ²
Water tank	30L	30L
Grinding Discs	2pcs (6 discs)	2pcs (6 discs)